

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-12 (Cancelled)

Claim 13. (Currently Amended) A rolling door comprising:

a door leaf which can be rolled up;

a vertical roller casing for taking up the door leaf in at least a partially rolled up state;

a sliding bar slidable in a horizontal direction and on which the ~~roll-up~~ door leaf is fastened, ~~and~~

a horizontal guide rail located at a top of the door leaf and in which the sliding bar is slidably mounted, wherein the roller casing is fastened on a wall by way of its rear side or its outer side, ~~and wherein~~ the guide rail is fastened exclusively, on one side directly or indirectly on the roller casing and on the other side in a holder attached directly or indirectly to a wall and the guide rail is a hollow profile;

a pulling carriage with running rollers displaceably mounted in the hollow profile, wherein the hollow profile has a single slot which is open in a downward direction, and the pulling carriage is connected to the sliding bar through this slot; and

a motor for displacing the sliding bar and located in the roller casing or on the roller casing, wherein the displacement of the sliding bar is induced by a spindle which is driven by the motor, and the spindle is arranged in an interior of the guide rail, engages in at least one internal thread in the pulling carriage and is mounted in the holder on a side which is directed away from the roller casing.

Claim 14. (Cancelled)

Claim 15. (Currently Amended) The rolling door as claimed in claim ~~14~~13, wherein

the guide rail is a tube of essentially circular cross section; and

the pulling carriage has at least one pair of the running rollers arranged sideways of the pulling carriage, the rollers having a curved running surface running on inner surfaces of the tube alongside the slot.

Claim 16. (Cancelled)

Claim 17. (Currently Amended) The rolling door as claimed in claim 13, further comprising: a counter-profile located on a side of the rolling door opposite the roller casing, ~~and a holder for the guide rail~~, wherein:

the counter-profile is fastened on a wall and stops the sliding bar when the rolling door is closed; and

~~wherein~~ the holder for the guide rail is a top covering for the counter-profile and is connected thereto.

Claim 18. (Currently Amended) The rolling door as claimed in claim 13, further comprising: a contactless switch for operating the rolling door, wherein the contactless switch is located on the roller casing, is arranged perpendicularly to a plane of the door leaf, and is a single switch for logical activation of the motor for opening and closing the door leaf.

Claim 19. (Cancelled)

Claim 20. (Currently Amended) ~~The rolling door as claimed in claim 19,~~
~~wherein:~~ A rolling door comprising:

a door leaf which can be rolled up;

a vertical roller casing for taking up the door leaf in at least a partially rolled up state;

a sliding bar slidable in a horizontal direction and on which the door leaf is fastened;

a horizontal guide rail located at a top of the door leaf and in which the sliding bar is slidably mounted by way of a pulling carriage, wherein the roller casing is fastened on a wall by way of its rear side or its outer side, the guide rail is fastened exclusively on one side directly or indirectly on the roller casing and on the other side in a holder attached directly or indirectly to a wall, the sliding bar includes a mechanism for allowing the sliding bar to tilt if an obstacle is

located in an inside width of the door and when the rolling door is being closed, the mechanism is a bar or fork arranged vertically and connected rigidly to the pulling carriage and is attached to the sliding bar via a pivot pin, the pivot pin arranged perpendicularly to the door leaf, and located in the sliding bar, and

~~further comprising~~ means for fixing the sliding bar in a vertical position and for releasing the sliding bar such that it can be rotated about the pivot pin when a certain leverage about the pivot pin is exceeded.

Claim 21. (Currently Amended) The rolling door as claimed in claim 13, wherein the roller casing ~~contains~~ includes a roller body for rolling up the door leaf, and wherein the roller body ~~contains~~ includes a torsion spring constructed such that when the door leaf is being closed, the torsion spring is unwound from the roller body against the spring force building up energy sufficient for rolling up the door leaf onto the roller body again when the rolling door is opened.

Claim 22. (Previously Presented) The rolling door as claimed in claim 21, wherein the door leaf and the roller body are exchangeable, and are formed from an at least partially textile woven fabric.

Claims 23 and 24. (Canceled)

Claim 25. (Currently Amended) The rolling door as claimed in claim ~~14~~13, wherein:

the guide rail is a tube of essentially circular cross section, and

the pulling carriage has two pairs of running rollers arranged one behind the other and sideways of the pulling carriage, which running rollers have a curved running surface and running on ~~which~~ inner surfaces of the tube alongside the slot.

Claim 26. (Previously Presented) The rolling door as claimed in claim 18, wherein the contactless switch is arranged on an inner side of the roller casing.

Claim 27. (New) The rolling door as claimed in claim 20, wherein:

the guide rail has a hollow profile; and

the pulling carriage has running rollers displaceably mounted in the hollow

profile, wherein the hollow profile has a single slot which is open in a downward direction, and the pulling carriage is connected to the sliding bar through this slot.

Claim 28. (New) The rolling door as claimed in claim 27, wherein:
the guide rail is a tube of essentially circular cross section; and
the pulling carriage has at least one pair of the running rollers arranged sideways of the pulling carriage, the rollers having a curved running surface running on inner surfaces of the tube alongside the slot.

Claim 29. (New) The rolling door as claimed in claim 27, further including a motor for displacing the sliding bar and located in the roller casing or on the roller casing, wherein the displacement of the sliding bar is induced by a spindle which is driven by the motor, and the spindle is arranged in an interior of the guide rail, engages in at least one internal thread in the pulling carriage and is mounted in the holder on a side which is directed away from the roller casing.

Claim 30. (New) The rolling door as claimed in claim 20, further comprising a counter-profile located on a side of the rolling door opposite the roller casing, wherein:
the counter-profile is fastened on a wall and stops the sliding bar when the rolling door is closed; and
the holder for the guide rail is a top covering for the counter-profile and is connected thereto.

Claim 31. (New) The rolling door as claimed in claim 20, further comprising a contactless switch for operating the rolling door, wherein the contactless switch is located on the roller casing, is arranged perpendicularly to a plane of the door leaf, and is a single switch for logical activation of the motor for opening and closing the door leaf.

Claim 32. (New) The rolling door as claimed in claim 31, wherein the contactless switch is arranged on an inner side of the roller casing.

Claim 33. (New) The rolling door as claimed in claim 20, wherein the roller casing includes a roller body for rolling up the door leaf, and wherein the roller body includes a

torsion spring constructed such that when the door leaf is being closed, the torsion spring is unwound from the roller body against the spring force building up energy sufficient for rolling up the door leaf onto the roller body again when the rolling door is opened.

Claim 34. (New) The rolling door as claimed in claim 33, wherein the door leaf and the roller body are exchangeable, and are formed from an at least partially textile woven fabric.

Claim 35. (New) The rolling door as claimed in claim 20, wherein:
the guide rail is a tube of essentially circular cross section, and
the pulling carriage has two pairs of running rollers arranged one behind the other and sideways of the pulling carriage, which running rollers have a curved running surface and running on which inner surfaces of the tube alongside the slot.

Claim 36. (New) A rolling door comprising:
a door leaf which can be rolled up;
a vertical roller casing for taking up the door leaf in at least a partially rolled up state;
a sliding bar slidable in a horizontal direction and on which the door leaf is fastened;
a horizontal guide rail located at a top of the door leaf and in which the sliding bar is slidably mounted, wherein the roller casing is fastened on a wall by way of its rear side or its outer side, the guide rail is fastened exclusively, on one side directly or indirectly on the roller casing and on the other side in a holder attached directly or indirectly to a wall; and
a contactless switch for operating the rolling door, wherein the contactless switch is located on the roller casing, is arranged perpendicularly to a plane of the door leaf, and is a single switch for logical activation of a motor that is operative for opening and closing the door leaf.

Claim 37. (New) The rolling door as claimed in claim 36, wherein the contactless switch is arranged on an inner side of the roller casing.